

Title (en)

METHOD FOR THE PREPARATION OF SYNTHETIC QUARTZ GLASS WITH THE USE OF A CLEANING DEVICE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SYNTETISCHEM QUARZGLAS UNTER VERWENDUNG EINER REINIGUNGSVORRICHTUNG

Title (fr)

PROCÉDÉ DE FABRICATION DE VERRE DE QUARTZ SYNTHÉTIQUE À L'AIDE D'UN DISPOSITIF DE PURIFICATION

Publication

EP 3233743 B1 20190206 (DE)

Application

EP 15808655 A 20151215

Priority

- EP 14198100 A 20141216
- EP 2015079732 W 20151215

Abstract (en)

[origin: WO2016096811A1] The present invention relates to a method for producing synthetic quartz glass using a specific cleaning device, to an apparatus for producing synthetic quartz glass, comprising a specific cleaning device, to the use of a packed bed of porous silica particles for cleaning a vaporous feedstock to produce synthetic quartz glass, and to the synthetic quartz glass obtained according to the method of the invention.

IPC 8 full level

C03B 19/14 (2006.01); **B01D 53/02** (2006.01); **B01J 20/10** (2006.01)

CPC (source: CN EP KR US)

B01D 53/02 (2013.01 - KR); **B01J 20/103** (2013.01 - EP US); **C03B 19/1415** (2013.01 - CN EP KR US); **C03B 20/00** (2013.01 - US);
C03C 3/04 (2013.01 - US); **B01D 53/02** (2013.01 - EP US); **B01D 2253/106** (2013.01 - EP KR US); **B01D 2253/304** (2013.01 - EP KR US);
B01D 2253/306 (2013.01 - EP KR US); **C03B 2201/02** (2013.01 - US); **C03B 2207/32** (2013.01 - CN EP KR US);
C03B 2207/81 (2013.01 - CN EP KR US); **C03B 2207/85** (2013.01 - US); **Y02P 40/57** (2015.11 - KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3034476 A1 20160622; CN 107250068 A 20171013; CN 107250068 B 20200114; EP 3233743 A1 20171025; EP 3233743 B1 20190206;
JP 2017537869 A 20171221; JP 6680785 B2 20200415; KR 102008595 B1 20190807; KR 20170095951 A 20170823;
US 11267745 B2 20220308; US 2017341967 A1 20171130; WO 2016096811 A1 20160623

DOCDB simple family (application)

EP 14198100 A 20141216; CN 201580076185 A 20151215; EP 15808655 A 20151215; EP 2015079732 W 20151215;
JP 2017531743 A 20151215; KR 20177019254 A 20151215; US 201515536426 A 20151215